

IN THE CLAIMS

1 1. (Currently Amended) A wheel device with a quick-releasing mechanism for being
2 mounted to a shaft which has a first section with a larger diameter and a second section with a
3 smaller diameter, the wheel device comprising

4 a wheel body having an elastic element integrally formed with the wheel body and a
5 hole at the center [thereof] of the wheel body for accommodating the shaft; and

6 a movable member movably mounted to the wheel body and contacted with the elastic
7 element, and the movable member having a first wall surface and a second wall surface which
8 is situated in different planes with the first wall surface, a distance between the first wall
9 surface and the center of the wheel body being larger than that between the second wall surface
10 and the center of the wheel body;

11 whereby the wheel body can [escape] be removed from the shaft when the movable
12 member is set at a first position and the first wall surface is aligned with the second section of
13 the shaft, and the first section of the shaft is blocked by the second wall surface so that the
14 wheel body is restricted on the shaft by the movable member when the movable member is set
15 at a second position and the second wall surface is aligned with the second section of the shaft.

1 2. (Currently Amended) The wheel device with a quick-releasing mechanism as claimed in
2 claim 1, wherein the movable member has two first wall surfaces and two second wall surfaces
3 to respectively define a first chamber and a second chamber which [reaches to the] opens into
4 the first chamber and is different from the first chamber in size, wherein the size of the first

5 chamber is larger than those of the first and the second sections, and the size of the second
6 chamber is between those of the first and the second sections;

7 [Whereby] whereby the wheel body can be [escaped] removed from the shaft when the
8 second section is accepted in the first chamber, and the wheel body is restricted on the shaft by
9 the movable member when the second section is accepted in the second chamber.

1 3. (Currently Amended) The wheel device with a quick-releasing mechanism as claimed in
2 claim 1 or 2, wherein the [wheel body further has an] elastic element [contacted with the
3 movable member and functioned] functions as a positioning member for the movable member
4 to [usually keep the movable member at the state of the] urge the second wall surface of the
5 movable member being aligned with the second section.

1 4. (Currently Amended) The wheel device with a quick-releasing mechanism as claimed in
2 claim 1 or 2, wherein the movable member further has a protrusion between the first wall
3 surface and the second wall surface, which [is functioned] functions as a positioning member
4 for the movable member to [usually keep the movable member at the state of] urge the second
5 wall surface of the movable member being aligned with the second section.

1 5. (Currently Amended) The wheel device with a quick-releasing mechanism as claimed in
2 claim 1 or 2, wherein the [wheel body further has an elastic element contacted with the]
3 movable member [and] further has a protrusion between the first wall surface and the second
4 wall surface, [both of which are functioned] the elastic element and the protrusion functioning
5 as positioning members for the movable member to [usually keep the movable member at the

6 state of] urge the second wall surface of the movable member being aligned with the second
7 section.

1 6. (Currently Amended) The wheel device with a quick-releasing mechanism as claimed in
2 claim 1 or 2, wherein the wheel body has a plurality of ribs to guide the movement of the
3 movable member.

1 7. (Currently Amended) The wheel device with a quick-releasing mechanism as claimed in
2 claim 6, wherein the wheel body has a first wheel plate and a second wheel body connected
3 each other by the ribs, wherein the first wheel plate is connected with the movable member and
4 the second wheel plate has a cavity to accept the first section.

1 8. (Currently Amended) The wheel device with a quick-releasing mechanism as claimed in
2 claim 1 or 2, wherein the wheel body has at least a tab and the movable member has at least a
3 snick, and the at least the tab is engaged with the at least the snick to restrict the movement of
4 the movable member in a predetermined stroke.

1 9. (Currently Amended) The wheel device with a quick-releasing mechanism as claimed in
2 claim 8, wherein the movable member comprises at least a first board having the first wall
3 surface and the second wall surface, and a second board having the at least the snick.

1 10. (Currently Amended) The wheel device with a quick-releasing mechanism as claimed in
2 claim 1 or 2, wherein the wheel body further has an elastic element or the movable member
3 further has a protrusion, which is functioned as a positioning member for the movable member

4 to usually keep the movable member at the state of the second wall surface being aligned with
5 the second section, and the wheel body has a first wheel plate and a second wheel plate
6 connected each other by the ribs, wherein the first wheel plate is connected with the movable
7 member and the second wheel plate has a cavity to accept the first section.

1 11. (Canceled)

1 12. (Original) The wheel device with quick-releasing mechanism as claimed in claim 3,
2 wherein the elastic element and the wheel body are respectively formed and then assembled
3 together.